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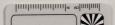


ANNUAL REPORT

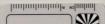
AUCKLAND INSTITUTE AND MUSEUM

1959-60

For presentation at the Annual General Meeting to be held on 31st May, 1960











THE COMPLETED WAR MEMORIAL MUSEUM.

Whites Aviation Limited

### ANNUAL REPORT

OF THE

### AUCKLAND INSTITUTE AND MUSEUM

For 1959-60

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Assistant	Planetarium	Lectu	rer	 E. E. S. CURTIS.
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### MUSEUM

1959-60

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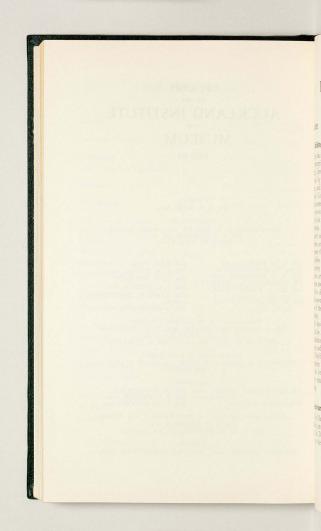
#### Trust Board:

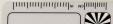
MR. KENNETH B. MYERS, M.B.E. (Chairman)
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Representatives on Council of Royal Society of New Zealand: MR. S. G. BROOKER, M.SC. DR. A. W. B. POWELL, F.R.S.N.Z., F.M.A.N.Z.

Director:

GILBERT ARCHEY, C.B.E., M.A., D.SC., F.R.S.N.Z., F.M.A., F.M.A.N.Z,





### Reports to Members

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### President

#### New Building

This has been a notable year. It has brought to fruition a great enterprise marked on the 19th March by the impressive Opening Ceremony of the Auckland Provincial Second War Memorial by His Excellency the Governor-General, Viscount Cobham, and the handing over by him on behalf of the War Memorial Committee of the completed Hall of Memory and Museum extensions. The latter include seven new exhibition halls, and a four-storey administrative section housing extensive library halls and six suites of study and store rooms for our scientific departments. The Council has expressed and we now record in this report our congratulations to the Provincial War Memorial Committee and particularly to Sir John Allum. We record also our sincere thanks and appreciation for the extensive new space and facilities now available to the Museum, which provide both a repository for the city's treasures of natural history and decorative arts and means for scientific research, for cultural recreation and for the enjoyment of our citizens. The Council is resolved to devote these extended resources to their full potential both in honour of the memory of the fallen, in respect to the proud sorrow of their relatives and for the benefit of all members of the community.

We have already expressed to Messrs. M. K. and R. F. Draffin, the Architects, our thanks for their co-operation and our congratulations on the magnificent building which they have designed and seen erected. Particularly do we congratulate Mr. M. K. Draffin on having been associated with the designing and construction of both parts of this great building. We must thank him also for his advice and assistance over the years on many matters relating to the maintenance and preservation of the building.

### Planetarium

The Museum's educational facilities received another notable addition, and the citizens of Auckland a generous gift when the Board of Directors of the Farmers' Trading Company handed over to the Council at a gathering on October 21st a Spitz

Planetarium together with a special building for it and complete interior furnishing and appropriate decoration, including a frieze of the Auckland horizon painted by Mrs. Brookes.

The warm thanks of the Council expressed to the Farmers' Trading Company for this outstandingly generous benefaction have been amply endorsed by the prompt and eager attendance at the planetarium sessions by members of the Institute and the general public. The schools too, both primary and postprimary, have sought the sessions arranged for their pupils, and provision has also been made for evening attendance of church and cultural societies. During the coming year the Astronomical Society of New Zealand is to hold its annual meeting in Auckland when more advanced planetarium demonstrations will be given. The Council sees a constantly wideling and deepening of study in astronomy developing as the result of this splendid gift.

### Council

By the triemial changes in local body representation on the Council we have been joined by Mr. D. M. Robinson (Mayor) and Mr. W. M. Tongue, J.P., E.D., representing the City Council and by Mr. F. C. McGehan and Mr. R. S. Southwell representing other local bodies. We express our thanks for their interest and support on the Ceuncil to the retiring members, Mr. Ke'th N. Buttle (Mayor), Professor K. B. Cumberland, Mr. R. Monks and Mr. Hugh Brown.

#### Awards

Congratulations are extended to Dr. R. A. Falla, C.M.G., and Miss Lucy Moore, M.B.E., for awards made to them by Her Majesty the Queen and to Mr. F. H. Sager to whom the Council has awarded the Cheeseman-Pond prize.

#### Members

Changes in membership are as follows:

Life Members Annual Members	31/3/59 340 875		31/3/60 378 805
		1215	1183

Amendments to the Rules passed at Special General Meetings increased the Annual Subscription to  $\pm 2/2/$  and the Life Membership to  $\pm 15/15/$ - and made provision for members who so wish to become contributing members of the Royal Society of New Zealand.

#### Obituary

We record with regret the deaths of Mrs. Marion Galbraith, M.B.E., Dr. O. Fyffe Lamb, Mr. M. H. Wynward, O.B.E., Mr. Richard Armstrong and Messrs. Sydney J. Elliott, Arthur J. Singleton, R. Carnachan, L. J. Ayre and Kenneth W. Aimer.

Mr. Aimer was a partner with Mr. M. K. Draffin and the late Mr. Hugh K. Grierson as architects for the first war memorial building. Mr. L. J. Ayre was Honorary Philatelist of the Museum and a generous benefactor.

### Finance

In presenting the accounts the customary group of seven special accounts has been replaced by a statement including particulars of all the endowments and bequests with special designation. It will be seen that we have kept well within our resources in respect to regular annual museum expenditure, but that a very considerable withdrawal from reserves has had to be made to provide for fittings of the new building and for display cases, furniture and other requirements to make the building and the museum available to the public.

We acknowledge with appreciation voluntary contributions amounting to  $\pm 828/18/11$  from 47 provincial local bodies; through this ready support we hope to extend still further the country services commenced, certainly then in a small way, over thirty years ago.

It will be seen from the accounts that the requirements of fitting out the new buildings amount to £8353. It has been expended on floor coverings (£5627), a considerable amount of electric installation, plastering and papering, curtains, a new telephone installation and a person-calling system (this as much for the convenience of outside enquiries as for the benefit of the staff), several new display cases, and urgently hung curtains to protect specimens from continuous sunlight. Further withdrawals from reserves will have to be made again during the coming year.

On the other hand we have the pleasure of acknowledging generous assistance towards the building preparations: £500 from the Auckland Savings Bank to make provision for the safety and preservation of the Cheeseman Herbarium, £75 added by a lady member for this purpose also, monetary assistance for improving the facilities in marine zoology given to Dr. Powell by an overseas colleague and by the Conchology Section of the Institute. We can also join with the War Memorial Committee in acknowledging the most welcome git of £5000 to complete the library accom-

modation and to provide floor-coverings, shelving, furniture and fittings. These are by no means the end of the Museum's requirements; we need a fire protection installation costing £1500, heating for the administrative block £3500, further lighting for display and administrative block £3500, further part of the new building, display cases (£30,000), and £600 for plastering and for benches, cupboards and furnishing of the staff room and for the children's club room or hobbies room. A proposed programme of this development has been outlined in the Director's report.

#### Museum Gifts

Sir Ernest Davis has again enhanced the Museum both in history and art, this time by a portrait in oils by Edward J. Halliday of Lieutenant-General Lord Freyberg, V.C., G.C.M.G., K.C.B., K.B.E., D.S.O., L.L.D., General Officer Commanding the Second New Zealand Expeditionary Force, also Commanding of the Second New Zealand Division and Governor-General from 1946 to 1952. The three portraits given by Sir Ernest, i.e. Her Majesty the Queen, Lord Freyberg and Sir Edmund Hillary give distinction as well as great interest to the Entrance Hall, and are much admired by thousands of visitors.

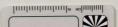
A generous donation of £ 1000 has been anonymously made by a member of the Institute. This gift is made both as recognition of the scientific work of the staff and their popularisation of science through handbooks and lecturing, and also for fostering continued interest in natural history and ethnology by further popular publications. Both the Council and the staff welcome this valuable endowment of the Museum's educational work.

Two large oil paintings, a pastoral scene by T. S. Cooper, R.A., for the Council Room and 'Highland Cattle' by Louis B. Hunt for the natural history hall have been presented by Sir Frank Mappin.

An extensive philatelic collection of Commonwealth range was presented shortly before his much regretted death by Mr. Ayre who has also named the Museum as residuary beneficiary in his estate, as means for the continuous enlargement and development of the collection.

Members of the Institute will, I know, join with me in grateful appreciation of these notable gifts.

J. H. ROSE.



### Opening Ceremony

Members of the War Memorial Committee, their official guests including the next of kin of the fallen, and a large attendance of the public assembled on the morning of Saturday, 19th March, for the ceremony of opening of the Second War Memorial. A guard of honour of the 1st Battalion Auckland Regiment paraded with colours and with the regimental band.



Photo courtesy N.Z. Heral Opening Ceremony of the Second War Memorial, 19th March, 1960.

His Excellency the Governor-General was met by Sir John Allum, Chairman of the War Memorial Committee, and Lady Allum; after His Excellency's inspection of the guard of honour Sir John Allum spoke of the purpose of the Memorial and of the effort and endeavour that had been given to the collection of funds and the completion of the building. The Governor-General's address stressed the need not only for corporate planning and action in all phases of our national and commonwealth undertakings but also for individual self-examination and dedication which would give purpose and dignity to our lives. The President in accepting the Memorial and Museum from His Excellency affirmed the Council's determination to preserve the sacredness of the memorial and to make full use of the extended facilities now offered to the activities of the museum.

The Governor-General accompanied by the Official Party

then ascended to the first war Hall of Memories, where returned men of 1914-18 were parading, then to a parade of 1939-45 servicemen in the Armed Services Museum; at the entrance to the Second War Hall of Memory he recited the dedication inscribed on both Halls of Memory. He then proceeded, with the official party, to the central memorial when all stood, within and without, for the sounding of the Last Post, for a moment of silent prayer and dedication, for the sounding of Reveille and the National Anthem

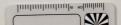
After the guard of honour with colours had marched off across the front of the Museum, the next of kin, guests and the public entered the building and proceeded in turn to view the Halls of Memory with their inscribed Rolls of Honour.

### Chairman of the Trust Board

The bringing in to the accounts of the cost of the Second War Memorial Building, £450,000, increases the balance sheet figure to over £1,000,000; other additions are on account of building installations £7005, furniture £1348, collections £2623 and library £2863.

Stock and debentures matured, £3800, have been replaced by similar investments at the ruling higher rate of interest. The higher total of investments, £491, represents an increase in invested reserves.

Extensive repairs to the Vaile properties costing £1602 have had to be undertaken; this, with further repair expenditure



to come, will reduce museum and library purchases considerably for at least two years. It is however essential to keep these properties in good repair. It will be seen that the investments are in satisfactory trustee securities. KENNETH B MYERS

### Director

#### The Institute

The activities just described inevitably interrupted the customary Institute functions and services to members. Nevertheless, as Miss Evans mentions, 1050 people used the library; we were also able to arrange two lectures, i.e. The Heart-Lung Machine, by Mr. Brian Barratt-Boyes (British Medical Association Lecture) and the Age of Rangitoto by Dr. R. N. Brothers and Mr. J. Golson.

Over five hundred attended a members' evening in November when planetarium sessions were held, cinema films screened and a musical programme offered. Another evening was held on 11th April to enable members to visit the Second War Hall of Memories and the new museum halls.

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### Anthropology and Maori Race Section

Interest in the Section was maintained during the year, the meetings being well attended with many animated discussions taking place during question time. The Field Day this year was around the volcanic cones and Maori pa of the Southern Auckland Isthmus. A special bus seating 44 was filled to capacity, while many private cars also made the trip. Mr. V. F. Fisher recounted the Maori history and traditions connected with the cones, while Mr. J. Golson spoke on their significance to the Maori and described the layout of their fortifications. Without a doubt, it was due to their able leadership that the trip proved both interesting and informative.

Lectures and papers presented were:—Professor R. Piddington, "My visit to French Canada"; Mr. S. Brooker and Dr. R. Cooper, "Medicinal Plants reputed to have been used by the Maori"; Dr. Murray Groves, "Music, Ritual and Social Life among a Melanesian People"; Mr. Sinclair and Mr. J. Waititi, "Prison Education—Pakeha and Maori"; Mr. Hugh Kawharu, "Maori Land Tenure of the 19th Century"; Dr. J. B. W. Roberton of Kawhia, "The Significance of New Zealand Tribal Tradition", and University of Auckland Students' Papers.

At the Annual Meeting on November 25th, 1959, the following were elected Officers of the Section for the ensuing year: Patron, Dr. Spoehr, Director of the Bishop Museum, Honolulu; Chairman, Mr. John Waitlit; Hon. Secretary and Treasurer, Mr. J. T. Diamond; Committee, Professor R. Piddington, Dr. B. Biggs, Miss I. Hamilton, Messrs. R. Bulmer, V. F. Fisher, J. Golson, E. Grimes and R. Scobie. The membership of the Section is 85.

#### Astronomical Section

The Society was happy to welcome the official opening of the Planetarium, the gift of the Farmers' Trading Company and many members have attended sessions. The greatest benefit however, is the potential one of making the rising generation space minded and perhaps influencing some to undertake scientific careers.

The officers for 1960/61 are: President, Mr. K. D. Adams, F.R.A.S.; Vice-President, Mr. J. Greager; Hon. Secretary, Mr. L. R. H. Beaumont, B.A., F.R.A.S.; Hon. Treasurer, Mr. G. R. Green; Curator of Instruments, Mr. B. D. Smith.

#### Conchology Section

This section reports well attended monthly meetings, especially since the new club room attached to Dr. Powell's new premises became available last December.

Four meetings have been held in the new room and as a direct result of the greatly improved facilities, much larger attendances, an average of fifty, have been noted.

The section membership stands at 130, which includes associates throughout New Zealand. A pleasing note is the increase in junior membership.

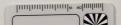
The new club room is self contained with facilities for staging small exhibitions, provision for supper and ready reference to the club's collections and library. The club provided the seating accommodation and a further 18 chairs are on order.

Bulletin No. 15, containing nine original papers by members was published in December. It is illustrated with three full page half-tone plates. The monthly News Letter compiled by the secretary was distributed as usual.

The President of the section is Mr. A. K. Hipkins and the secretary Mrs. L. Seager.

### Nautical Section

The Auckland Maritime Society which is also the Nautical Section of the Institute and Museum, is now in its second year of operation, and with a membership of approximately 120 has embarked on a series of interesting projects. Apart from the



regular monthly meetings which have been very well attended, several groups have been engaged in research work on the early shipping around the New Zealand coast. Activities planned for the immediate financial year include a "Farewell Monowai Evening" to be held on board this historic vessel, and an evening exhibition when members will have the opportunity of making individual displays from their own collections. Officers elected at the recent annual meeting were:—Chairman: Mr. R. E. Combes; Hon. Treasurer: Mr. E. D. Bevan; Hon. Secretary: Mr. A. A. Kirk. Committee: Mrs. S. W. Bond, Messrs C. W. Hawkins, B. Hart and R. Ross. Hon. Auditor: Mr. Gatt.

#### Second War Memorial and Museum Extension

Planning and preparation for the occupation and arranging of the new halls and administrative accommodation have been

our chief concern during the year.

The time of waiting until entry could be expected was occupied in making many store cabinets and cupboards, either complete or in sections, and in organising the collections for transfer, while a few of the very large display cases were transferred to near their destined places. Members of the staff entered willingly on the task of preparation for an opening day much earlier than had been anticipated, and I wish to acknowledge their understanding of the endeavour this would entail and their sustained efforts in achieving it, both in the extensive new displays and in respect to the transfers and rearrangements that would be necessary. It should of course be understood that our responsibility was that of the Museum alone; for the dignity and warmth of the Hall of Memory and the South African and New Zealand war memorials we have to thank and congratulate the architects for the building, Mr. M. K. Draffin, M.C., and Mr. R. F. Draffin.

It would have been impossible to instal displays in all the

new halls; we therefore concentrated on

(a) moving the Library, under Miss Evans' direction, from the First War Memorial areas to the new building and setting it in order on the newly erected shelving;

(b) clearing the former War Trophy Hall, transferring all its show cases and setting out the Spitfire and other large objects as the first hall of the new Armed Services' Museum;

(c) arranging two new Services' Museum halls, one with an extensive armoury of small arms, automatic weapons and artillery, also with ship models, the other with small and large exhibits, including a Japanese Zero fighter and a German aircraft torpedo;

(d) clearing the hall of New Zealand Geology of its congested store of zoological and botanical collections, and restoring it, together with three other first-floor halls, to public access. This included moving eight large natural-history displays and re-siting them to close the entrances of halls not yet being brought into use;

(e) setting up the new hall of Oceanic Navigation, with its canoes large and small, dug-out and plank-built, and with its mural map, beach sand and foliage background, a joint undertaking with the mural and other art work by Mrs.

As part of these arrangements it was necessary to establish zoology, botany and part of ethnology in the new study-store rooms, involving (a) the clearing of many large old-style cabinets, dismantling them and making from the material new smaller cabinets (Dr. Powell's chosen task); (b) the making of many new herbarium cabinets and bookshelves (Dr. Cooper); (c) the transfer by floor and block and tackle of really large display cases (Mr. Stewart and Mr. McGuiness); and, generally, unpacking, moving, setting up, painting, fitting and adjusting by everyone.

The result is that at present we have:

Top Floor: A 3-hall Armed Services' Museum connecting the First War and the Second War Halls of Memory. A re-established library of 30,000 books, 3,000 sets of periodicals, collections of manuscripts, maps, and An Assembly Hall (old library).

First Floor: Four natural history halls restored to access with considerable rearrangement.

Ground Floor: Some rearrangement of Maori and Oceanic Arts

and Customs and a new Hall of Oceanic Navigation.

The arrangement of the Armed Services' Museum was shared by Commander Haynes, Captain Thompson, Mrs. Brookes, Mr. Bayliss and myself; we also had welcome assistance from Sir Frank Mappin, Mr. Holgate and Mr. Ecroyd, The Services gave outstanding help and co-operation. The Spitfire and Zeke were dismantled, hoisted with considerable difficulty and re-assembled by Air Force detachments from Whenuapai and Hobsonville who also set up the German V-1 bomb. The German aircraft torpedo and several machine guns were taken over by the Navy and returned cleaned and painted, while a seventeenth century suit of armour was also given expert attention; the Army, besides having already given the greater part of our enemy artillery and machine guns, added several of our own weapons including a

1914-18 field gun and howitzer "limber-gunnered" to perfection.

The Navy also presented an Oerlikon rapid-fire anti-aircraft gun. We were also assisted by the War Memorial Committee authorising the employment of three carpenters. The cost borne by the Museum for all these preparations is referred to in the President's report.

Throughout these moves and re-arrangements the greater part of the museum was kept open for visitors and the customary museum activities continued (the school service, extension service,

planetarium, and outside lectures).

Now that the Opening Day is past an extensive programme is before us in restoring to public access the halls not yet freed from storage and in designing and carrying out new installations. By Christmas we expect to have the temporary store-rooms all eliminated from the Maori Court and Maori Hall East, thereby giving direct and broader access to the new east entrance and the hall of oceanic navigation; we hope also to have cleared the ethnographical collections at present stored in the New Zealand Bird Hall

At the same time we must plan and design the installations for four new display halls: (i) Oceanic arts and crafts (ii) Oceanography (iii) Birds, and (iv) Insects and small Invertebrates, each of which will take eighteen months or more. We shall also have to reorganise the ground floor front halls as halls of the civilisations and of general ethnology; to establish a hall of the domestic arts of Britain (furniture, pottery, silver, etc.), a maritime museum and an aeronautical display on the first floor.

### Research

Although opportunity for study has been very limited we have been able to send a further number of the Museum Records to the printers. It includes papers by Dr. Powell, "Catalogue of Antarctic and Sub-Antarctic Mollusca"; Dr. D. Squires (New York) "Corals from a deep-sea cable off Norfolk Island"; and Dr. Archey "Pare: the carved door lintel". A new handbook is also in the press, "New Zealand Medicinal Plants" by Mr. Brooker and Dr. Cooper.

#### Additions to the Museum

The extension and enrichment of the collections is fundamental to all aspects of museum activity and it is very satisfactory to be able to record the continuing support of visitors and friends of the Museum in this field. The list of accessions is printed on later pages; here we have space to

mention only a few, such as the unusual river cance stern-post from Doubtless Bay discovered by the donor Mr. T. Wallace, a charming 18th century north country spinning wheel given by Miss Lina Vosper Bruce, a New Hall cup and saucer and a wine-glass cooler the gift of Mr. Mervyn Hynes, and a silver patchbox engraved with a Jacobite emblem presented by Dr. J. A. Clinch. Two early musical instruments are a clarinet given by Mr. E. R. Eady and a flute from Mr. S. C. Lewis; while a Georgian Irish silver tea pot is the gift of Mr. M. E. Richardson. Other accessions are mentioned in the several departmental reports.

GILBERT ARCHEY.

### Assistant Director

Although strenuous, last year was the most satisfying of my thirty years with the Museum.

Thirty years of cramped space and inadequate facilities now culminate in what a visiting much travelled American zoologist describes as "The poshest zoology department in the world." An overstatement of course, but nevertheless the new quarters are proving most satisfactory and a delight to work in.

To achieve this, hammer, saw and paint brush have been more frequently in use than the pen. The work was greatly expedited by the following friends who gave fully of their time during the evenings and week-ends to assist with moving specimens and painting walls, ceilings and exhibit backgrounds. For this much appreciated assistance I am indebted to Mrs. B. Green, Mrs. R. and Miss A. Waddell and Messrs. T. S. Bishop, N. H. Gardner, B. Green, H. K. Hipkins, E. A. Jackson, T. P. Warren and R. Waddell. I also wish gratefully to acknowledge my wife's assistance on innumerable occasions. During three years of preparation for the new premises I have made 93 specimen cabinets, each 6 feet x 3 feet x 2 feet, over 2500 trays and a number of benches and other fixtures. In addition the whole of the shellfish collections has been labelled and arranged so that now for the first time an overall classification has been achieved, which results in a great saving of reference time. The cabinets have been arranged to form a series of hollow square bays, each with table and chairs so that visiting students may refer to the material in situ.

One end of the department is fitted out for the use of the Conchology Section as a club room, library and repository for their collections. Already four meetings of the section have taken

place in the new premises and as a direct result of the improved facilities an increase of membership is noted. The Section donated thirty chairs and they have a further eighteen on order. Also, through the generosity of both an American colleague Mr. W. B. Dixon Stroud and a country member of the Section, the sum of £162 was donated for use in furnishing the department. This was spent on linoleum, venetian blinds and a limited amount of carpeting.

In addition to all this ten major exhibits were set up for public display, eight of them bird and mammal groups and two featuring maritime subjects. Despite disruption the collections have been available for reference except for a brief period of three weeks during the actual moving of the department.

Among visiting specialists who have worked with the collections were Dr. D. E. Squires of the New York Museum of Natural History (corals), Drs. R. K. Dell and C. A. Fleming and Mr. D. P. Boshier (Mollusca and paleontology).

Accessions include further considerable molluscan collections from the Academy of Natural Sciences of Philadelphia, i.e. Du Pont-Academy Philippines Expedition of 1958, as well as respresentative material from both New Caledonia and North West Australia.

A paper was given at the 8th Congress of the New Zealand Ecological Society and an article on Marine Zoology prepared for publication in the "New Zealand Junior Encyclopaedia." There was little time for research, the only contribution being "A catalogue of Antarctic and Subantarctic Mollusca" in the press. A further edition of 10,000 copies of "Native Animals of New Zealand" was primted bringing the total published to 65,000 copies, of which over 56,000 have been sold since the first publication of the handbook in 1947. A fourth edition of the book "Shells of New Zealand" is in the press.

I record with regret the death of a weekly visitor to my department, the late Mr. L. J. Ayre, who not only donated to the Museum his extensive and valuable collection of postage stamps but also for some years had maintained regular philatelic feature exhibits at the Museum.

Since 1930 I have had charge of the Museum's philatelic collections and have already as a preliminary to the incorporation of the Ayre collection, collated and catalogued most of the material. The main feature of the Ayre collection is the almost complete series of the King George VI and Queen Elizabeth II issues of Britain, colonies and the commonwealth. Mr. Ayre also

bequeathed to the Museum funds sufficient to ensure continuance of the collection by means of a new issue service.

Much remains to be done in fitting out the Marine Zoology Department but the essentials are there and as time and money is available the project will be completed.

A. W. B. POWELL.

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### Ethnologist

The collections were enriched by 621 specimens. Among the important gifts received during the year, in addition to those mentioned by the President and the Director, two interesting stone implements consisting of a finely shaped and highly polished stone chisel, the gift of the McClinchie family, and a highly polished stone adae of archaic form presented by Mr. R. Linton, were outstanding specimens. Mrs. F. Fraser presented a small but fine collection of Melanesian enthnographical specimens collected 100 years ago.

The department is still in temporary occupation of the New Zealand Bird Hall; consequently working conditions have continued to be difficult. Offices have however been established in the new wing, a small store-room equipped, and filing cabinets containing Maori ornaments, fish hooks and other material moved in to new quarters. In addition the two large cabinets of Maori and Melanesian stone adzes were moved up to the western and eastern wings respectively. All the Oceanic and African spears have been installed in new racks.

Planning has continued for the siting of new storage cases and the distribution of the collections to be housed within them. When fully installed in the new wing the reserve collections will occupy the whole of the mezzanine floor, except for the portion reserved for the Director's room and main of fice.

Newly installed exhibits have included a series of casts illustrating Taranaki carvings, some other Maori carvings and a fine range of Maori hinaki or eeltraps.

In December a day was spent at the Whangarei Museum localising Oceanic material and conferring with the chairman of the Museum committee and the Town Clerk. Although the Museum was unable to participate in the Auckland Festival owing to constructional problems, some material was lent to the Auckland City Council for the Chippenham village scene.

Students have made use of the collections in a restricted way owing to congested conditions. At the request of Mr. A. Manning of the Government Publicity Department some 68 selected Oceanic specimens were made available to Mr. J. Stage. photographer for the American publication "Hollady". An article on "Maori agriculture" was published in Swann's Review and an article on "Maori repairs to specimens" was contributed to the Newsletter of the New Zealand Archaeological Association.

Practically all the lantern slides and photographs formerly held by the department have been transferred to the Library. In April while attending the Fifth Biennial Conference of the Art Galleries and Museums Association at Auckland a talk was given on behalf of the National Historic Places Trust concerning their policy on pioneer museums, Members attending the conference were taken on a conducted tour of the Maori earthworks of One Tree Hill.

Under the auspices of the Adult Education Centre, in conjunction with the Franklin Historical Society, a week-end school on local history was attended at Pukekohe, when assistance was given with lectures and discussions. The Occupational Therapy Training School again sent groups of students to the Museum for lecture-demonstrations. In co-operation with Mr. J. Golson, members of the Anthropology Section were taken on a field tour of certain volcanic cone pa on the outskirts of the city. Visiting students from the Canterbury Teachers' College were piloted over the Maori earthworks of Maungakiekie and a running commentary delivered on the Maori history, environment and defensive system. Eight lectures were given to various groups and several youth clubs were encouraged to spend evenings in the Maori and Pacific Halls. Following on representations from the Auckland Star and Whites Aviation Ltd. considerable time was devoted to preparing information and offering advice concerning the hill fortifications of metropolitan Auckland. Fourteen Girl Guides were examined for the Maori badge

I continued service on the Council of the Art Galleries and Museums Association, as a member of the National Historic Places Trust and on the committee of the Linguistic Society of New Zealand.

Commander Haynes throughout the year has shown his usual versatility. Besides attending to routine registrations he gave much time assisting with the construction of new cases, taken temperature recordings, and devoted several months to the exhibition of material in the war section.

V. F. FISHER

### Botanist

In June 1959 Mr. V. Cook of Hamilton, who has revised some of the native rushes and sedges, presented his large collection, consisting of some 600 folders in 40 boxes. In August Mr. G. Irwin of Henderson Valley presented a fine collection of New Zealand mosses, identified by the late G. O. K. Sainsbury. These two gifts are welcome additions to the reference collections.

During the year I helped Dr. B. Cain of the Cancer Research Unit, Auckland, and Dr. M. Martin Smith of the Experimental Pharmacology Unit, Glasgow University, to collect plant material for testing. Voucher specimens have been placed in the herbarium.

In April, when the rare and beautiful Bignonia, Tecomanthe speciosa, from the Three King's Islands, flowered at the Mt. Albert Research Station, sprays were exhibited at the Museum. Thanks are due to Mr. J. Hunter of the staff of the Research Station for supplying us with fresh material and dealing with the enquiries which followed an illustration in the press,

On 10th and 11th September an exhibit of native plants was provided for the Spring Flower Show of the Auckland Horticultural Society at the Town Hall.

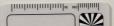
From November until January an exhibition entitled "The Queen of Flowers" was staged in the Grey-Shaw room of the Public Library. The display was arranged as part of the National Rose Convention and included books and prints of roses from the Museum Library, the Public Library and private sources, especially the extensive collection of Mr. and Mrs. D. H. Steen of Remuera. Thanks are due to Mr. and Mrs. Steen and to Mr. W. Colgan of the staff of the Public Library for assistance with the exhibition and the preparation and printing of an appropriate catalogue

In March a selection of the unpublished botany plates of Cook's first voyage was forwarded to the Gisborne Art Gallery and Museum. The plates have been lent to illustrate a talk by Dr P. Allingham on the plants collected by Banks and Solander on the East Coast in 1769, and will be displayed at the Gisborne Art Gallery during April 1960

Lectures were given to the Anthropology and Maori Race Section of the Institute (with Mr. S. G. Brooker), the Auckland Round Table and the Mt. Roskill Rotary

The following papers were written during the year:

New Zealand Medicinal Plants (with Mr. S. G. Brooker). The manuscript is being printed by Unity Press Limited as a Museum Handbook. A summary has been sent to Economic Botany



'A review of Pacific Island Nature Study by Ray Blanc' was published in 'Education', a journal of the New Zealand Education Department.

'The Queen of Flowers', a catalogue of a display for the National Rose Convention held in November 1959, was published by the Auckland Public Library.

Mrs. P. Hynes has continued to work in the herbarium as Honorary Associate Botanist and Mrs. G. Bell has joined us this year as a voluntary helper.

New rooms in the Museum Extension became available in November 1959. As they were unplastered, an application was made to the Auckland Savings Bank for assistance. The trustees granted £500 and with a further anonymous donation of £75 the following costs were met: Plastering ceilings £244; Paint for walls £45: Electric heaters £126; and Linoleum £160. The collections were moved to their new home, from temporary quarters in the Geology Hall during February and March. Thanks are due to the trustees of the Savings Bank, and the other donor, for their generous help, and to the following for assistance:—

Stanborough and Sons, for a  $\pm 40$  discount on the plastering bill, and Mr. Graham Bell for advice on the heating of the herbarium.

A further anonymous donation has been promised towards the cost of a plant-drier. The Auckland Industrial Development Laboratory is building the drier which has been needed for some years to cope with the voucher plants for Cancer screening and other collections. At last the Cooper and Hynes hot-water cupboards will be freed for their proper purpose.

ROBERT COOPER.

### Librarian

This year there are a great many people to whom we are inhabited for donations of books, money and time. We regret that we cannot mention them all other than in the list below, but there are a few of whom we must make special mention.

For larger collections, among the 1590 books which have been added during the year we have to thank Miss I. Stennett, Miss I. M. Hemus and Miss G. Dennison. Miss Stennett, who has for some years given the National Geographic Magazine to the library, has now donated a collection of about 100 books.

chiefly biography and travel. Miss Hemus has donated about 70 books covering a number of subjects, and Miss Dennison has given a number of rare early New Zealand books.

The manuscript collection has been enriched by the addition of the papers of Rev. Charles Baker, who came to New Zealand as a missionary in 1828. The journals, presented by his grandson Mr. V. H. Baker, cover almost the whole period of his work until his retirement in 1865, thus forming a most valuable record of missionary activity in New Zealand. The Customs Department in Auckland has deposited some early shipping registers. They are: Russell Register, 1843-1855, and Auckland Registers, 1842-1881. The first Minute Book of the Auckland Volunteer Rifle Company was given by the members of the First Battery Association.

Several original paintings by John Webster were presented by Mrs. Wilcox. Webster cruised with the yacht "Wanderer" among the Pacific Islands. The library already has a few of his paintings and a number of his letters and the newly received paintings are particularly acceptable acquisitions.

In addition to the many people who have donated books to the library, we would like to thank those voluntary workers who have given so generously of their time. We are again indebted to Mr. Gordon Williams for the valuable work he has done in the typing of original manuscripts. During the past two years, he has typed a considerable number of letters, and we are most grateful to him for enabling us to continue our policy of having unique material copied. We would also thank Mr. G. Eric Carter who has been coming in regularly for the past few months to treat the bindings of our leather-bound books. This is an important work, as many of our rare books have been in need of attention. To Miss J. Goulding, who has been mounting and cataloguing the library's collection of 7000 bookplates, we would also express our thanks. We wish to say how grateful we are to them for the work they are doing — work which time does not permit the library's taff to do.

Mr. Loh Chee Yin, a Colombo Plan student from the Sarawak Museum, was assigned to the library for training for six months during 1959.

The major event of the year has been the move into new quarters. After 14 months in temporary quarters in the Hall of Memories, when most of the books were in packing cases, the

move to the new building was begun at the end of October. More than 30,000 books and pamphlets and 3000 periodicals were moved during October and November. We wish to place on record our appreciation of the help which was given us by members of the Museum staff and by Training College students. In particular I would like to express my personal appreciation of the splendid help and co-operation of my assistant, Mrs. Ricketts, and of Mr. Loh Chee Yin. Despite the small number of books which were available for the greater part of the year, and despite the fact that the library was officially closed for five months, 1050 people used the library, 1279 books were borrowed by members, and 148 by other libraries on interloan. After the difficult conditions which have prevailed for many years, we hope members will find the library easy to use and pleasant to work in. We have been most grateful to the Sir John Logan Campbell Trust for the generous donation, which enabled the floors to be covered with cork tiles, and curtains and furniture to be provided. We are not at present able to furnish the Reading Room, but we hope in time to be able to provide sufficient tables, one or two comfortable chairs, periodical stands, and a carpet, so that members may have a quiet, pleasant room for reading and study.

In addition to those mentioned above, we acknowledge with thanks donations from the following persons:—Sir Frank Mappin, Lady Mappin, Dr. T. Hardie Neil, Dr. G. de Courcy, Dr. Mary Palmer, Commander Haynes, Rt. Rev. Bishop Simkin, Rev. W. J. Enticott, Rev. Father E. R. Simmons, Messrs. J. W. Alexandre, A. G. Bagnall, H. E. Baigent, E. Bennetts, G. Blackburn, S. G. Brooker, A. O. Collis, C. H. Cross, C. W. Devonshire, A. A. Dignan, C. E. Dornbusch, J. B. Flynn, G. M. Fowlds, P. L. Galley, A. O. Glasse, A. M. Ihle, R. Noel Johnson, A. A. Kirk, L. M. Lennard, L. G. Lilly, K. W. McCook, F. E. McKenzie, C. M. Mackley, T. G. Mellor, G. Millett, G. Mevill, J. Pinn, A. T. Pycroft, R. Pycroft, E. H. Rhodes, H. M. Rodewald, R. C. J. Smith, W. G. Somerville, J. Stanley, R. J. Strong, J. N. Stubbs, R. S. Wells, E. D. Willis, Mesdames Allhusen, T. L. Birks, F. Fraser, F. Gregory, W. A. Laxon, Page, M. C. Parks, J. Kitchie, E. D. Sheffield, Sparrow, Turner, Wilcox, Misses E. K. Barry, M. E. Disbrowe, J. Hall, Herrick D. Kempin, E. W. MacLennan, M. E. Richardson, New Zealand Institute of Chemistry.

ENID A. EVANS.

### **Etxension Services**

The number of Borough and County Councils participating in the travelling display scheme has increased from 8 to 20 during the year. Two museums, Whangarei (incipient) and Gisborne are using our displays, while the Taupo information centre displays two cases. The usual display centre is the borough library, but it is interesting to note that two councils, Opotiki and Kaitaia, have installed cases in the local High School. Two counties use the foyer of their administration building for this purpose.

More displays are being continually made and Mrs. Brookes has produced some outstanding layouts and backgrounds. Two tours of the province were made during the year, one to the North and one to the Bay of Plenty. A total of 29 boroughs and counties were visited. The receptions were good and the scheme should increase. It is possible that in the future a method of distributing and servicing the displays by a museum van will be required. Sets of enlarged photographs of the early New Zealand scene have been obtained from our own collection, and also that of Mr. Tudor Collins of Warkworth. He very kindly permitted us to go through his collection of negatives and borrow whatever we liked. These photographs are in sets such as Kauri Forest, The Gum Industry, Early New Zealand Transport; they are invaluable for use as loan material for provincial towns needing displays.

Following the Harbour Bridge procession some time was spent tracking down some of the vehicles used. The milk cart, the Ashley Litter and a baker's van were obtained. Also the hansom cab was deposited with us.

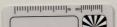
The first of a series of small booklets dealing with Museum material was prepared and printed. This dealt with the Maori Court; it has proved useful for tourists and country visitors.

The four flower-cards originally drawn by Miss Hilda Wiseman have been reprinted.

During the year the information desk was set up in the front of the Museum and stocked with museum publications and transparencies.

The temporary exhibitions were continued in the Museum but as the tempo of the shift into the new building increased these had to cease.

Displays were lent to Warkworth, Rotorua, Whakatane, Tauranga and Pukekohe. Lectures were given at Titirangi and at Whakatane.



Necessarily much of the normal routine work has had to suffer in order to assist with the process of shifting into the new building, and the setting up of displays, and to work with the War Memorial Committee in arranging the Opening Day ceremony.

T. J. BAYLISS.

### Planetarium Lecturer

The gift of the planetarium has introduced a further science into the Museum's educational activities and it is appropriate that the first public session was given to pupils of Avondale College who were members of the school's Astronomy Club. Already school children have provided large and interested audiences and we expect these attendances to increase considerably.

Since the official opening on October 21st, 31,662 persons have visited the demonstrations, 4602 of whom were children in organised school groups. The average attendance at the 641 sessions was 50, revealing that the room was used to 60% of its capacity.

Changes of lecture subjects at frequent intervals have helped to maintain public interest. During school terms these have largely related to the stars and their identification, but during the Christmas holidays more novel features, "Star of Bethlehem" and "Rocket to the Moon" were introduced and visitors were provided with a demonstration of the versatility of the instrument. A special topic, introduced to mark the opening of the new wing of the Museum, entitled "An Astronomer goes to war", proved particularly popular

Members of the Institute were given the opportunity of seeing the planetarium on the night of November 23rd, 1959, and attended in such large numbers that the four sessions were insufficient to cope with the patronage.

Although novelty programmes are appreciated by adults, it has not been overlooked that the planetarium will be of greatest benefit to the school children, and they will always be considered in the planning of demonstrations. With this in view, a special demonstration was arranged for the inspectors of the Auckland district, who subsequently set up a special committee under Mr. C. C. Roberts to organise close co-ordination with school lessons. A number of recommendations made by the inspectors have already been incorporated in demonstrations. The implementation

of other suggestions is in progress and it is expected that even

greater school patronage will result.

An article on the planetarium was written for "School Science", the journal of the postprimary science teachers, which it is hoped will enable them to see how the demonstrations can be best fitted into their teaching.

A part-time assistant, Mr. E. E. Curtis, was appointed during April and this has enabled the Museum to realise its wish

to have the planetarium in operation every day.

Six demonstrations are given each day, three of which are for school groups. Three sessions for adults are held on Sunday afternoons and throughout the period under review these have always been filled to capacity.

We were glad to welcome members of the Canterbury Museum staff and to discuss our planetarium experiences with them. We look forward to the advent of the Canterbury planetarium and to co-operation with our southern colleagues.

R. A. McINTOSH.

### School Service

Summary of Services for the year ended 31st December, 1959: Attendance for one-hour lessons:

Primary Intermediate Post-Primary Total 25,947 1,017 3,262 30,226 Student Teachers on Section 95 Numbers in Visiting Student Teacher Classes 184 Schools receiving Loan Material:

City Provincial 75 315 390

Helped with the organisation of more than 2000 children. Although the range of lessons was again reduced this year owing to the further curtailment of displays arising out of building activities, attendances reached 30,000, some 800 of whom were taught by their own teachers. While attendances from specialist groups and institutions have been fairly representative, those of student-teachers for study purposes in particular have decreased considerably, a factor of some significance inasmuch as they eventually constitute the source of much of the demand for the services of this department. Bookings from Intermediate Schools have been very low. On the other hand the response from the Post-Primary Schools has been normal, with this added optimistic note that teachers are examining the institution

critically and hopefully as to how they might use it further. Clearly the return to more stable conditions and to more extensive displays will be welcome in many quarters.

Nevertheless the efforts of the Director and his staff in keeping as much open as possible and in reducing the limitation of displays to a minimum during the past three and a half years of building operations have been most rewarding. Approximately 104,000 children have attended classes, 440 student teachers have enjoyed teaching practice in the Museum and 1400 students have utilised the facilities of the institution. During the same time the number of schools participating in the loan material scheme rose from 312 to 390.

The demand for loan material appears to be insatiable. Sixty-five schools are waiting for incorporation in the scheme. Arrangements have been completed to supply these aids to all the public schools in Hamilton from the beginning of 1960. This will also enable students at the new Teachers' training College to familiarise themselves with this service. Thanks are due to the Hamilton Headmasters' Association for its co-operation. We are indebted to the Auckland Education Board which recently overhauled the original 15 crates for loan material, which should

be good for at least another seven years of service.

The Education Officer has been closely associated with the compilation of a text-book on social studies being written by Mr. R. V. Blane for teachers in the Islands, and with observational and reporting activities at the Young Maori Conference. Preparations are being made to anticipate the larger attendances and services expected with the new development of the Museum. He siting of the biennial Conference of the Art Galleries and Museums Association in Auckland entailed considerable responsibilities on the staff to their colleagues from other museums. Thanks are due to the Principal of the Auckland Teachers' Training College and his staff for their co-operation in entertaining delegates.

The opening of the planetarium in October has brought a major aid to the assistance of schools and other educational institutions. This department has actively co-operated in helping to establish a satisfactory liaison with the schools. A demonstration of the instrument to members of the inspectorate resulted in a committee being set up to further its systematic use in the study

of astronomy.

Credit is due to members of the staff, Messrs. Cadman, McCaw and Macdonald for their co-operation and patience in what has proved to be a trying year.

RICHARD A. SCOBIE.

### List of Benefactions

made to the

### Auckland Institute and Museum

of an amount (or value) exceeding £50.

#### MONETARY GIFTS.

- Auckland Citizens: £2.026 subscribed towards first building. 1876 1878 Mr. J. C. Firth donated £106 for show cases. 1884 Mr. Edw. Costley bequeathed £12,150. 1887 Mr. David Nathan bequeathed £100. 1897 Mr. T. Russell donated £100 for geological specimens. 1901 Auckland Citizens subscribed £1,000 for Mair Collection 1902 Mr. E. A. Mackechnie bequeathed £2,500. Auckland Citizens subscribed £662 for carved houses. 1906 1911 Auckland Citizens subscribed £684 for ancient carvings. Sir John Logan Campbell bequeathed £1,000. Institute Members subscribed £115 for Temple Bronzes. Sir Wm. H. Herries bequeathed £1,000. Citizens subscribed £698 for Maori collections. 1925 Institute Members subscribed £100 for Maori collection. 1926 Sir James Gunson Presentation Committee presented £118 for Maori collection. Mr. David Goldie bequeathed £1,000. 1927 Mr. F. Shaw bequeathed £1,000. 1929 Mr. S. J. Ambury bequeathed £250.
- Mitchelson Prize Fund.

  1940 Mr. Maurice Harding bequeathed £500

1934

- 1941 Mr. Ormsby Gore Adams bequeathed £100.
   1942 Mr. J. A. Pond bequeathed £100 to commemorate the scientific achievements of Thomas F. Cheeseman.
- 1944 Mr. E. Earle Vaile gave two blocks of shops and residences worth £10,000 as an endowment for ethnological collections and books.
  - Mr. R. C. Horton gave £200 towards extending the mineral collection.

Mrs. R. M. Wilson: £50/10/-, given to establish the Sir Edwin

Sir Albert and Lady Ellis gave £150 for Library book-cases. £428 received on account of a bequest by Mr. C. V. Houghton. Mitchelson Prize Fund increased to £100.

- Mrs. Bertha Wilson gave £2,000 as an endowment for Cinematography.
  - Auckland Savings Bank gave £500 for improvements to
    - Auckland Electric Power Board gave £100.
    - Mr. R. C. Horton gave £70 for purchase of Georgian Silver Tea Set.
  - Sir Cecil Levs and Lieutenant T. H. Levs, R.N.Z.N., gave £500 for purchase of ethnographical specimens.
- 1946 Mr. E. Earle Vaile: Gave a freehold section with a two-storey building in Queen Street worth over £30,000 as a further endowment for ethnographical collections and books.
- Auckland Savings Bank Centennial Gift of £5,000. Mr. A. V. Hanson bequest of approximately £2,000.
- 1948 Mr. E. P. Mitchelson, bequest of £1,000.
- Mrs. Sarah Ann Powley, bequest of £171
- Sir Cecil Leys bequeathed £1,000
  - Mrs. Bertha Wilson gave £1,000 endowment for photography
- Mr. James C. Entrican: Bequest of £1,000 for numismatics.
- 1954 Captain G. A. Humphreys-Davies: Bequest of £500. Sir Albert Ellis, C.M.G.: Bequest of £100.
- Sir Alexander Johnstone, O.B.E., Q.C.: Bequest of £500.
  - Sir William Goodfellow: £100 for early English ceramics. Sir Carrick Robertson, F.R.C.S.: Endowment of £600 for research on offshore islands.
  - 1960 Auckland Savings Bank gave £500 to furnish the Cheeseman

    - Herbarium.

      A Member gave £75 towards furnishing the Herbarium.

      Mr. W. B. Dixon Stroud gave £142 towards equipping and furnishing the Marine Zoology store and study rooms. £1000 received from an Institute Member to extend popular

### SPECIMENS AND BOOKS.

- Mr. R. C. Barstow: Large collection of Maori articles. Mr. G. F. Edmonston: 564 volumes of scientific works. 1876 1877
- 1878 Mr. T. Russell, C.M.G.: 34 casts from the antique
- 1878-83 Mr. J. T. MacKelvie: 390 books and ethnology collection.
- 1887
- Mr. C. O. Davis: Valuable Maori collection. Mr. L. D. Nathan: Japanese Shinto Shrine. 1901
- 1913 Mr. Henry Shaw and Mr. F. Shaw: 172 scientific books.
  - Sir Edwin Mitchelson: Valuable Kauri Gum collection
- Dr. C. E. R. Bucknill: Collection of Old English Glass. Mr. Henry Shaw: Collection of Japanese art. 1916
- Miss Ruth Northcroft: Large Maori and Polynesian Collection 1917
- The Misses Yates: Collection of Indian weapons. Mr. James Dunning: Collection of North American Mammals

- Mr. W. A. Aldred: Valuable collection of Mori specimens. Hon, J. B. Turner: Important Fijian ethnographical collection Mr. T. F. Cheeseman, F.L.S., F.N.Z.Inst.: The Cheeseman Her barium of native and foreign plants.

- Mr. Wm. Sutherland: Melanesian ethnographical collection. Mr. A. C. Caughey: Fijian and New Hebridean ethnographical 1924 collection.
  - Mr. R. A. Meek: Ethnographical specimens from Bismarck Group. Messrs. Samuel Vaile & Sons: Large collection of Maori greenstone articles. Sir Cecil Leys and Mrs. of Maori greensione articles. Selwyn Upton: The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr. T. W. Leys.
- Mr. F. Crossley Mappin: Valuable Maori and South Pacific
- Mr. Geo. F. Webster: Valuable Maori antiquities. Mr. H. R. Butcher: Collection of British coins. Mrs. E. M. Ball: The Thos. Ball Zoological collection.
  - Mr. F. Crossley Mappin: Ancient Chinese ceramic specimens Mr. Hallyburton Johnstone: Silver cup presented by Queen Victoria in 1878 to the Royal George Yacht Club.
- Mr. F. Crossley Mappin: Valuable Maori carvings. Mr. Moss Davis: Valuable ethnograpical specimens. 1927
- Sir Cecil Leys and Mrs. Selwyn Upton: Unique and richly carved feather box
  - Mr. J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea. Mr. Harry Kinder: The Dr. Kinder Collection-Maori and
    - Melanesian
    - Mr. E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical Mrs. S. J. Lushington: Large collection of mollusca.
- Mr. T. H. Barstow: Maori canoe prows and stern posts. Mr. W. R. McGregor: New Ireland carved memorial figures. Mrs., Miss and Mr. A. N. Cooper: The Charles Cooper collection of mollusca Rev. W. H. Webster: Large collection of mollusca.

Mr. C. E. Clarke: Large collection of molitica.
Mr. C. E. Clarke: Large collection of N.Z. Insects.
Executors Mr. W. M. Cole: Stone and Bronze Age Artifacts.
Miss Webster and Mr. G. F. Webster: Water-colour drawings of the Solomon Islands

- Mr. John Kenderdine: Large collection of books and pamphlets, 1930 including rare early New Zealand works. Mr. H. E. Vaile: A large collection of Maori implements and vanie: A large conection of maori implements and greenstone ornaments. Mr. Moss Davis: Selected Maori exhibits; also porcelain and ivory. Mr. L. J. Matthews: Two specimens of Moa eggs. Dr. L. Cockayne: Large collection of N.Z. plants.
- Sir Cecil Leys and Mrs. Selwyn Upton: Valuable Maori antiquities: additions to the Dr. T. W. Leys collection. Mrs. S. J. Lushington: Collection of Silver and Sheffield 1931 Plate. Mrs. A. C. Lennard: Collection of English porce-
  - Lt.-Colonel A. R. Hughes: Collections of birds and mollusca from Ceylon.

- 1932 Mr. H. S. Dadley: Large and valuable collection of Oriental Arts. Mr. Moss Davis: British Gold and Silver Coins and European Ivories and Bronzes. Hon. Sir James Parr: Gold and Silver Mementoes of public events in New Zealand, and case for their display.
- 1933 Vaile Collection: Additional gift of many valuable Maori antiquities. Mr. W. Goodfellow: Extensive ethnographical collection from Northern Melanesia.
- 1934 Miss Eleanor Brown and Mrs. Geo. Brownlee: Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes.
- Messrs. R. B. & G. Matthews: The H.B. Matthews Herbarium, 1935 Mr. F. Crossley Mappin: Maori Specimens, including handsomely carved sternpost.
- The Admiralty: Model of H.M.S. New Zealand.
- Captain G. Humphreys-Davies: Large and valuable collection of Chinese pottery figures. Mrs. T. G. Russell: 25 volumes of chemical and physical works from the library of her father, the late Professor Brown. Mr. E. Earle Vaile: Valuable Maori hel-tiki and Rapa Island stone artifacts. The Estate of the late H. E. Valie: Maori and Polynesian ethnographical collection; carvings and ornaments.
- 1937 Mr. E. Earle Vaile: Collection of ethnographical specimens and six Italian bronzes. Sir Algernon Thomas: Library of scientific books and papers.
- 1938 Mr. E. Earle Vaile: Gift of many early New Zealand books and journals. Mr. J. R. le B. Tomlin: Gift of valuable early editions of natural history works. Mr. F. Crossley Mappin: Early Chinese Pottery and Bronzes.
- 1939 Mr. E. Earle Vaile: Maori carvings, large Melanesian collection and gifts to the Library. Mr. J. R. le B. Tomlin: Gift of early Worcester china and early works on natural history, Mr. W. Goodfellow: Large Melanesian collection.
- 1941 Mr. H. R. Jenkins: Historic anchor associated with the fill-tated H.M.S. Bounty. Mrs. T. G. Russell: 500 volumes of botanical and biographic works from the library of her father, the late Professor Brown.
  - Mr. Ormsby Gore Adams bequeathed cinema camera, photographic equipment and nature films.
- 1942 Mrs. A. A. Richardson: The late Mr. J. D. Richardson's extensive collection of early Auckland photographs and lantern slides.
  - Col. the Hon. F. Waite, D.S.O., M.L.C.: Large collection of Egyptian pre-dynastic artifacts, flints, slate palettes, and pottery 7500-4300 B.C.; also pottery lamps of Egyptian, Roman, Greek and Arabic manufacture.
- 1943 Captain G. A. Humphreys-Davies: HIs extensive and valuable collection of Chinese arrs. Mr. E. Earle Valiet. Large collection of books and pamphlets on exploration and early life in the South Pacific. Mrs. W. H. Hemingway: The late Mr. Hemingway's display and cabinet collections of insects. Colonel the Hon. F. Waite, D.S.O., M.L.C.; Further collections from Egyptian Pre-dynastic, Dynastic and Ptolemaic periods.

1944	Mrs. B. Quigley and Miss E. Kenderdine: Large number of books on early New Zealand history. Mr. E. Earle Valie! Collection of works on South Pacific exploration and New Zealand history. Captain G. A. Humphreys-Davies: Ancient Chinese bronze sculpture. Mr. J. C. Entrican. Large collection of Eastern Polynesian stone imple ments.
1945	Mr. W. G. White: A valuable very representative collection of Worcester and Chelsea China. Mr. E. Earle Vaile: Important Maori Ethnographical Collections, and books on South Pacific Exploration and New Zealand History.
1047	Lady Love Fund Sin James Curson Fund and E Forle Valle

- Fund: Collection of 60 greenstone hei tiki and greenstone adzes purchased in England.
  - Mr. Jas. C. Entrican: Gave his extensive collection of medals and coins and library of books on Numismatics.
    - Mr. Geo. Finn: Presented a collection of books and newspaper records, reports and illustrations collected over a number of years.
    - Lieutenant A. G. Carnahan, R.N.R.: Presented Viscount Jellicoe's racing 14-footer "Iron Duke."
- 1948 Sir Frank Mappin: 16mm Cine-sound projector.
- 1949 Mr. and Mrs. J. Yock: Old English sterling silver salver.
- 1950 Mrs. J. P. Campbell: Eighteenth century inlaid sideboard. Mr. Wm. Goodfellow: Delft vase and other early ceramics. Mr. V. J. Larner: Early china and delft vase.
- 1951 Mrs. Goldie: Twenty portraits of Maoris by the late Mr. C. F. Goldie.
  - Rev. Harry Johnson: Extensive collection of native arts and crafts from Tanganyika.
    - Rev. Charles Palmer: Melanesian ethnographical collection; mementoes of Bishop Selwyn and early New Zealand hooks.
    - Mr. W. J. Crowther: Selected examples of English porcelain and eighteenth century silver plate.
- 1952 Mr. E. Earle Vaile: Selected early works on discovery and exploration in the Pacific.
  - Sir Frank Mappin: Eighteenth century silver and Sheffield plate.
  - New Zealand Insurance Company: Suite of large cabinets and library furniture.

    Mr. William Goodfellow: Three Maori portraits by Lindauer.
  - Sir Carrick Robertson: Collection of Zulu ornaments.

    Lieut.-Commander J. F. A. O'Neill, D.S.C.: Ethnographical collection from Tikopia.
  - collection from Theopia.

    Miss W. S. Dudley and Miss Jean Robertson: Pencil and wash drawings of early New Zealand, by Major Charles Heaphy.
- 1954 Mrs. Robert Cooper: Collection of botanical books and book-
  - Sir Frank Mappin: William and Mary walnut cabinet and early seventeenth century chairs.
  - Mrs. P. Sklenars: Model of four-masted barque "Pamir" made by her father, Mr. W. S. Nelson.

- 1955 Dr. J. A. Clinch: English silver and Sheffield plate.
  Sir Ernest and Lady Davis: Portrait of Sir Edmund Hillary,
  K.B.E.
  - Mrs. A. M. Ferguson, O.B.E.: Maori and Oceanic ethnographical collection.
  - Mr. C. Roose: Set of 2000 charts of the Pacific.
  - Mr. G. J. H. Ovenden: Full set of publications of Palestine Exploration Fund.
- 1956 Miss E. Blumhardt: Large set of her paintings of native flowers.
  - The Misses C. M. and I. F. Stewart: Collection of Maori greenstone ornaments and weapons.
  - Sir Ernest Davis: Portrait of H.M. the Queen.
  - Mr. John Pybus: Five moa skeletons from Waitomo district.
- 1958 Rev. Canon Hubert Jones: Sets of English West-County history.
- 1959 Mrs. R. Rose: English Sheraton Cabinet and Japanese lacquer and inlay cabinet.
  - Dr. Marjorie Young: Collection of ethnographical specimens from New Guinea highlands.
  - Sir Frank Mappin: English eighteenth century mahogany bureau-secretaire.
- 1960 Farmers Trading Company's Jubilee gift of a Spitz Planetarium with full range of accessories, the planetarium building and furnishings.
  - Sir Ernest Davis: Portrait of Lord Freyberg.
  - Sir Frank Mappin: Two oil paintings for council room and exhibition hall.
  - Mr. L. J. Ayre: Extensive philatelic collection and a monetary bequest.
  - Miss Lina V. Bruce: 18th century north country spinning wheel.

LIABILITI	ES g s d	£ s d	ASSETS
Capital Accounts—Balance 31/3/59		£ s d	Buildings—Balance 31/3/59 206,672 16 1
Auckland War Memorial Com- mittee—New Building Capital Expenditure from Reserves	450,000 0 0 1.980 3 9		New block ex Auckland War Memorial Committee 450,000 0 0 Other Additions 7,005 12 11 662,678 9 0
Capital Expenditure from	3,109 16 3		Edward Earle Vaile Trust
Capital Expenditure from			Properties 40,000 0 0
Revenue	8,751 0 2	949,501 2 0	Balance 31/3/59 30,907 19 10 Additions during year 1,348 2 4 32,256 2 2
Specific Trusts—as per statement Seneral Trusts—as per statement Reserves—as per statement		13,049 8 6 78,016 4 1 21,796 16 0	Collections—         Balance 31/3/59         177,060 12 7           Additions during year         2,623 13 2
reditors Deposit on Sale of Land		1.433 11 S 15 0 0	Library— 179,684 5 9
ubscriptions in Advance ncome and Expenditure Account—		40 12 0	Balance 31/3/59 31,018 13 4
Balance 31/3/59 Less Excess of Expenditure	2,800 0 0		Additions during year 2,863 11 9 33,882 5 1
over Income	1,819 10 11	980 9 1	Total Capital 949,501 2 0
			Mortgages
			Total Investments 69,261 2 6
			Properties 29,394 4 0 Shares 2,056 5 0 Effects 42 15 0
			Interest Accrued 32 10 6



4				£1,	064,833	3	4
Books and Publicat	tions				2,146	5	2
Total Cash					11,208	2	0
Cash— Auckland Savings Bank of N.Z., Auc Bank of N.Z., Loi Change and Advan Cash on Hand	kland ndon ces	688 152 63	1	7-0-			
Sundry Debtors— Planetarium Subscriptions School Service War Memorial Con Publications	nmittee	118 34 180	9	6-1-28-1	1,190	17	2

#### INCOME AND EXPENDITURE ACCOUNT

	For	the Year Ende	d 31st March, 1960	
EXPENDITURE		£ s d	INCOME £ 8	d e s
Salaries and Wages Superannuation Insurance Superannuation Ensurance Showcase Maintenance Showcase Heating and Lighting Postages and Telephones Gratage Cleaning Adult Fees Cartage Cartage Spenses Cartage Chotography and Education Unauthorised Expenditure— Unauthorised Expenditure— Unauthorised Expenditure— Bakhnet Ennancerred to Appropriation A		17,653 18 8 1 1,765 0 0 0 115 3 10 0 1 15 3 10 0 1 15 3 10 0 10 10 10 10 10 10 10 10 10 10 10 1	Contributions from Local Authorities— Metropolitan 21,821 0 Subscriptions— (Ordinary 334 0 Life Members 356 0 Interest on Mortgages, Debentures Sal and Government Stock Sal and Government Stock Sal Revenue Gu Propolitation Stock Sal Miscellaneous Sal	0 11 22,649 18
		£27,280 4 5		£27,280 4

GILBERT ARCHEY, Treasure

Description	Capital Balance 31/3/59	Income 31/ Dr.	Balance 3/59 Cr.	Inter	est	Other Receipts		Total Receipts	Payments	Detail	Income 31/3/ Dr.	Balance 60 Cr.		Capital Balance 31/3/60	Total Balance
Specific Trusts Pond Cheeseman Bequest Mitchelson Prize Auckland Savings Bank Cinematography Trust Bertha Wilson—Photography J. C. Entrican Bequest Sir Carrick Robertson Endowmen! Horton Geology Showcases for White China	100 0 100 0 5,500 0 2,000 0 1,000 0 1,091 8 600 0 92 17 10 10		6 0 0 40 0 0 35 9 4 60 0 0	30 32 1	0 0	45 0	0	48 0 0 30 0 0 32 14 8 30 0 0				9 0 60 0 64 6 90 0	5, 2, 0 1, 6 1.	145 0 0 100 0 0 500 0 0 000 0 0 000 0 0 091 8 3 600 0 0 92 17 5 10 10 0	154 0 100 0 5,500 0 2,000 0 1,060 0 1,155 14 690 0 92 17 10 10
Showdases for White China Swords Purchase Oceanographic Grant Rockefeller Foundation Grant Mackechnie Bequest Conchology Department Botany Department	10 0 75 0 1,838 16 2,000 0		10 10 2	-	 6 4	142 3 575 0	60	 6 4 142 3 6 575 0 0	1,838 16 0 105 4 6 421 9 2	Botany		10 16	6 2,	10 0 0 75 0 0 ,000 0 0 36 19 0 153 10 10	2,010 16 1 36 19 1 153 10 1

Innimica whimitimilimi

1,000 0 590 8 25 0 37,394 0 14,116 4 509 9 2,787 2   73,643 4	0 0 0 0 5 0 0 3 10 0	1.000		257 83 2,979	0 0 12 3 3 5	3,333 1 200 3,534 1	4 0 0 0 1 6	283 6,513	12 3	6,207						384 10 S	5 171 0 1,000 0 1,000 3 590 0 25 0 37,394 5 14,116 8 524 4,073 6 3,070 3 78,016
1,00 0 1,137 18 1,043 8 4,281 11	0 11 7 8			34 31	2 9 6 1		0 0	34 31	2 9 6 1	1,980	3 !	E.&I.A/c				100 0 0 1,172 1 8 1,074 14 8 2,301 7 11 2,622 17 2 1,001 14 6	0 1,113 0 100 8 1,172 8 1,074 1 2,301 2 2,622
	1,000 0 590 8 25 0 37,394 0 14,116 4 509 9 2,787 2 73,643 4 384 10 5,595 1 1,113 0 100 0 1,137 18 1,043 8 4,281 11	171 1 5 1,000 0 0 1,000 0 0 0 1,000 0 0 0 0 0 0	1,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1   1   1   2   2   2   2   2   2   2	1 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0



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			nd Exper			4,705	
Transfer	from	Showcas	se Reser	ve		1.980	
Profit of	reder	nption of	finvestn	ients		9	1
Publicat						3.122	1
Transfer	from	Conchole	ogy Dens	rtment	Trust	105	
Transfer	from	Botany 1	Departme	nt Tru	st	421	
	31/3/60	)				1.819	

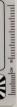
£12,164 7 3

#### EDWARD EARLE VAILE ENDOWMENT AND BEQUEST ACCOUNT

(a summary of this account is included in the General Trusts Statement)

APPROPRIATION ACCOUNT

Capital Expenditure— Ethnological Specimens Library  Transfer to Obsolesence Fund Creditors—Sundry Expenses Unexpended Balance 31/3/60	781 10 7 2,328 5 8	3,103	0 14	5	Rents Received  Less Expenses— Commission Insurance Maintenance Rates			3 8 19 8 1 3 5 8	6,057 1 2,846 1	
		£7,65	7 14	-6	Nett Rents Sales of Books Interest Dividend Unexpended Balance	31/3/59			257 113 1	4 6 14 6 0 0 15 0 0 6



#### ACCESSIONS 1959-60

Mr. Geo. Abraham: Maori stone adze

Mrs. G. E. Allen: Two Chinese Coolie hats and Javanese batik-dyed cloth, Chinese print.

Mrs. Gilbert Archey: Five lace bodkins; pair of jade fish amulets.

Army Department: 32-round drum, 9 mm. Lugar and magazine filler.

Mr. J. Arnold: Two Maori fishhooks.

Auckland Zoological Gardens: Three bird specimens and turtle.

Mr. J. Bailey: Red Ensign of Pamir.

Mr. and Mrs. Baker: Simplex typewriter, New York.

Mr. James Balfour: Three polished stone adzes; small greenstone chisel.

Mr. W. G. Bambry: Greenstone chisel.

Miss S. Barton: Chinese bride's box.

Mr. Trevor J. Bayliss: Photographs of R.N.Z.A.F. planes: service and training.

Master L. Bennett: Stone adze.

Mr. Hector Bolitho: St. John Ambulance War Services Badge

David Brabent and Roger Browne: Greenstone adze.

Mr. R. S. Bright: Stone adze.

Mr. L. H. Brookes: Wooden net float

Miss M. G. Brooks: Writing desk, silver card case, gold watch.

Miss Lina Vosper Bruce: Spinning wheel, formerly owned by George Welbourne of Westow (Yorks.).

Sen. Sgt. T. Bryce: Two swords with carved wooden sheaths, Java.

Mr. Butler: Mounted native birds.

Mr. C. E. Carr: Silver and bronze coins; two stone toki.

Miss D. Carrington-Evans: Ball dress (1832), bonnet, shoes, parasol and needlework; Beef found in the high Antarctic in 1823 by Captain Parry.

Mr. J. W. Chesworth: Jasperoid quartz from Macquarrie Plains.

N.Z. China Society: Two Chinese paintings

Dr. J. A. Clinch: Silver patch-box, Jacobite, possibly of French origin.

Mrs. P. R. Colebrook: Koruru.

Colonial Sugar Company: Swingle-trees with spider-breeching (2 sets).

Mr. V. J. Cook: 600 sheets of Carex and other sedges, New Zealand and overseas.

Capt. Cook Brewery: Carriage lamp.

Mr. D. H. L. Corrigan: Parian ware vase

Miss M. E. Disbrowe: Two Tambua; Pandanus mat; tapa:

Mr. E. R. Eady: Early clarinet, by D'Almaine, England.

Rev. W. J. Enticott: African and Melanesian ethnographical specimens

Miss Helen Firth: Canoe paddle and stone adze.

Mr. G. Fitzpatrick and Mr. S. A. Bosnyak: Bronze temple image of Shiva.

Mrs. F. Fraser: Melanesian specimens.

Captain A. W. F. Fuller: Horn trumpet, Africa

Miss M. Galbraith: Greenstone adze, Greymouth

Mr. P. R. Gardner: Long wooden pole (35 feet), Waitahanui Stream, Taupo. Mr. W. H. Graveson: Wooden digging implement; Ko step; unfinished wooden weapon; Grooved wooden object.

Miss Roia Grundy: Coat of Arms H.M.S. Orpheus; Sextant of Captain John Grundy. Deposited.

Dr. T. Hardie-Neil: Flag, U.S.A. (48 stars); stone adze (N.Z.); snuff box (wood from "Royal George"); Box (wood from "Boyd").

Mr. P. D. Hargreaves: Bushman's flax-stalk (korari) razor strop and pair of razors.

Capt. and Mrs. W. H. Hargreaves: Bone mere (kotiate), formerly the property of Major Ropata.

Mrs. A. Harris: War medal, papers and farriers badge of the late Mr. C. W. Harris.

Hawera Borough Council: Hansom cab. Deposited.

Mrs. A. Heape: Two wooden clubs, Solomon Islands, Tonga.

Commander B. L. Hewitt, O.B.E.; Brass-ornamented stool, N. Africa; ostrich gizzard stones, Kalahari Desert.

Mr. Mervyn Hynes: New Hall cup and saucer, c. 1800.

Mr. R. Idoine: Engraved sperm-whale tooth, scrimshaw work.

Mr. R. Irwin: One set of heavy horse harness and farm implements.

Mr. F. Jackson: Maori and Oceanic ethnographical specimens.

Miss C. Jefferson: 19 Chatham Island specimens; 4 Maori specimens; sketches of Moriori bark carvings. Deposited.

Mrs. A. M. Kibble and Miss B. James: Victorian furniture and bygones Miss Langmuir: Two pottery vessels, Fiji.

Mr. S. C. Lewis: Early Flute by Astore & Co.

Puopa Magan: Pigeon—Columba livia.

Puopa Magan: Pigeon—Columba hvia.

Mr. R. J. Miller: Stone flax beater, Turangi.

Miss Aileen McClinchie and Mrs. K. M. Roberts: Small stone adze, Maungatapu.

The McClinchie Family: Fine stone chisel, Omokoroa

Mackelvie Trust Board: Two years issues of the Society of Medallists.

Mr. H. Ross McKenzie: Mutton-bird device.

Mr. B. O'Connor: Collection of coins.

Miss D. Paine: Uniforms of Second Lieutenant Sydney William Paine. Mr. Maurice Priestley: Blade end of toki, found in ground, Remuera.

Mr. A. T. Pycroft: Chain purse, iron, brought to N.Z. c. 1854.

Mr. Frank Pve: Stone adze dug up (4 ft.) Hobson Street.

Mr. Frank Pye: Stone adze dug up (4 ft.) Hobson Street.

Mr. J. Rassie: Five chamber pepper-box pistol; Wooden seam-rubber.

Mrs. M. E. Richardson: Georgian Irish silver teapot; collection of fans; blue and white bowl.

Mrs. J. Ritchie: Collection of minerals, rock sections, etc.

Mr. Trevor Robert: Greenstone adze grooved for dividing, Tairua

Sir Carrick Robertson: Engraved tusk (scrimshaw work).

Mr. A. M. Ross: Wine glass, Scotland.

Mrs. Roulston: 1st Indian General Service medal.

Miss Nora Sheffield: Stone adze, Parakai.

Mr. Smith: Large grooved sinker, Toro Peninsula.

Mr. B. Smithson: Italian pottery Ocarina; Sampler (1835); Riding switch; Manicure set in case (10 pieces).

St. John Ambulance Association: Ashby litter.

Miss D. Spragg: Stone pestle, Maori.

Mr. M. J. Stead: Stone adze, Puhinui.

Miss I. T. Stennett: Collection of English domestic ware, porcelain, brassware and two swords.

Mrs. N. Stevens: Small greenstone adze, Ngakuta Bay.

Captain N. R. W. Thomas: Carved face (portrait) from the Cloth Hall at Ypres.

Mrs. E. Tiernan: Child's tea set—Victorian hand crochetted anti-macassar.

Mr. J. E. Tonge: Serpentine, Teremakau.

Mr. G. T. Upton: Polar Bear skin.

Edward Earle Vaile Trust Fund: English furniture and pottery, Worcester dish, Belgian lace, Maori stone beater, etchings of Maoris, Turkish — embroidered linen hanging, and Burmese carved sideboard.

Mr. T. Wallace: River canoe prow stern-post, Doubtless Bay.

Mr. J. Waters: Silver teaspoons. Deposited.

Mr. K. A. Webster: Samples of hair cordage.

Mr. E. D. Willis: Wooden model of Frigate Bird, Solomon Islands.

Major W. G. Wray: Grenades, rifles and other war souvenirs.

Storm-driven and accidentally killed birds, including ringed specimens from Miss P. C. Boyd, Miss A. M. Gillman, Messers, A. W. Bailey, C. C. Ambrose, John Davenport, C. W. Devonshire, M. C. Gudex, G. Hole, Robert H. Lane, Jeremy Ward, M. A. Stanners, R. D. Robb, D. C. Rastrick, Rev. D. McGivern; Miss L. Stubbing, Mapiu School, Mangawhai School, Ruawai District High School, Te Awamutu Museum, and Wellsford Acclimatisation Society.

# Members of the Auckland Institute.

#### HONORARY LIFE MEMBERS.

Sir James Gunson, C.M.G., C.B.E. Sir Frank Mappin, Bart. A. T. Pycroft, Esq. J. C. Rennie, Esq., LL.B. Sir Carrick Robertson, F.R.C.S.

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Adexander, A. M.
Alexander, A. M.
Alexander, A. J.
Allison, E. W.
Alldritt, C.
Allen, Mrs. F. G. H.
Allen, L. R., M.Se.
Andler, E. W., O.B.E.
Andrae, Dr. G. A.
Archey, Gilbert, C.B.E., M.A.
D.S.C., F.R.S.N.Z.
Armstrong, R. W.
Ash, Miss C., M.A.
Astley, F. Lloyd.
Baker, D. A.
Baker, F. Russell
Ball, Mrs. I. E. M.
Bamiord, Miss N. R., B.A.
Bamister, M. H.
Bamiord, M. G. M.C., P.C., Chief
J. Barrowclough, Rt. Hon Sir
Harold, K.C.M.G., C.B.,
J. S.O., M.C., P.C., Chief
Battett, W. H.
Bastlett, D. Noel
Battett, W. H.
Bastlett, D. S. M. S.
Bell, G. B., B. E.,
B. B. E.,
B. B. G. B., M.S.
Bell, Mrs. G. B., M.S.
Bell, Mrs. G. B., M.S.
Bell, Mrs. G. B., M.S.
Bishop, Miss Brenda, M.A.
B. Com.
Bishop, John J.
Bishop, John J.
Bishop, J. A., B. A.
Booth, C. H.
Bossard, Dr. L.
Boswa, A. F.

Bowden, B. J.
Brehmer, K., B.A.
Briggs, Professor L. H., D.Sc.,
D.Phil., F.R.S.N.Z.
Brooker, S. G., M.Sc.,
F.N.Z.L.C., F.C.S.
Brooking, C. T.
Brother, R. N., Ph.D., M.Sc.,
D.L.C., F.G.S.
Brown, A. G.
Brown, Harvey St. C.
Brown, Harvey St. C.
Brown, Harvey St. C.
Brown, H. B.A.
Browne, W. E., B.Sc.
Buddle, J. F.
Bull, Peter C., M.Sc.
Buddle, J. F.
Bull, Peter C., M.Sc.
Buttle, R.
Brown, H. J.
Campbell, N. J.
Campbell, N. J.
Campbell, N. J.
Campbell, W. J.
Campbell, W. J.
Campbell, T. W. M.
Carpenter, J. W. Mr. S.
Carte, M.S. R. M., M.A., Ph.D.
Cauchey, Professor J. E., M.D.,
F.R.C.P.
Caughey, W. G.
Chambers, T. C., M.Sc.
Cheesman, O. A.
Clidis, Dr. T. D. C.
Clark, J. L.
Click, Miss M. T. B.
Clinch, Dr. J. A.
Close, R. C., M.Sc.
Colevan, F. G.
Cookson, F. G.
Court, A. H.
Cousins, H. G., M.A.

Craig, J. C. Cranwell, R. B. Crockett, R. M. Crocombe, R. G. Crompton, W. J. Crookes, Miss M. W., M.A. Cropper, P. Cropper, P.
Dale, T. J.
d'Auwergné, Mrs. C. E.
Davis, Sir Ernest.
Davis, F. W., D.F.A.
De Courcy, Dr. Grace.
De Courcy, N. R.
Diamond, J. T.
Dickson, J. F. W., LL.B.
Dignan, A. A.
Dingley, G., M.Sc.
Dixon, Miss J., M.Sc.
Dixon, Miss A. Z.
Donald, J. B.
Dove, Brigadier W. W., C. Dove, Brigadier W. W., C.B.E., M.C. Draffin, M. K., M.C., F.R.I.R A. Drake, G. W. C., M.A., B.Com. Duigan, D. F., M.C. Duthie, N. A., D.S.O. Eady, A. T. Edgar, A. T. Edgelow, Miss K. I. Edgerlow, Miss K. I. Edwards, J. S., M.Sc. Elliffe, J. M. Elliott, Mrs. R. F., M.Sc. Evans, Miss Enid A., B.A., A.L.A. Ewen, J. F. A. Fairclough, Dr. W. A.
Falla, R. A., C.M.G., M.A.,
D.Sc., F.R.S.N.Z.
Fenton, J.
Ferguson, A. L.
Ferguson, Dr. R. G.
Firth, C. W., M.Sc., Assoc.
M.Inst.C.E. Firth, Professor R. W., M.A. Fisher, Miss E. E. Fisher, V. F., M.A., F.M.A.N.Z. Fitzpatrick, T. V., E.D., LL.M., B.Com. Fleming, C. A., B.A., D.Sc., F.R.S.N.Z. Fletcher, Sir James. Ford, C. R., F.R.I.B.A., F.R.G.S.

Forti, R.
Fowlds, M. G.
Fraser, W. M., C.E.
Freyberg, Mrs. P. S.
Gallaher, P. J., B.Sc.
Gardner, C. Ie G.
Geddes, A. McK., Dip,Hort.
Gee, Miss Phyllis C.
Geentles, J. A.
George, Sidney Thorne.
Gilbert, A. M. Sc., Ph.D.,
Gilbert, M. Sc., Ph.D.,
Gillman, Miss A. M.
Gilsase, A. O., O.B.E., M.C.
Gleeson, N., B.D.S.
Gluckman, Dr. L. K.
Goodey, J. H., M.Sc., A.N.Z.I.C.
Goodfellow, Sir William.
Goordon, M. J.
Griffiths, W. G., B.D.S.
Grimes, E., M.A.
Gross, R. O., C.M.G., F.R.B. S.
Gummer, W. H., F.R.I.B.A.

Haigh, S. B.
Hail, Rev. Allen H., B. A.
Hamilton, T. G., B. A., Dip, Ed.
Hammleen, P. B., M. Se.
Harrington, H. J., Ph.D.
Harrop, R. S., B. Com.
Hatch, E. D.
Hayman, L. T.
Hellaby, F. A., M.C.
Hemingway, Mrs. M.
Henley, J. C., D.C.M., E.D.
R.N.Z.A.M.C.
Hensen, R. C. H.
Hesketh, C. R., D.F.C., LL.B.
Hipkins, A. K.
Hole, Mrs. G.
Holt, Mrs. J. H.
Hooker, O. L.
Horton, R. D.
Hughes, Dr Elizabeth
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